USER'S GUIDE

Dear Customer:

Congratulations on the purchase of your I/OMagic GeForce4 MX440SE graphics accelerator. We all want to express our sincere gratitude for your decision to purchase our product, and to reaffirm our commitment to you of providing a product that is easy to install and easy to use.

You can be assured that your new product is made from the latest state-of-the-art components and that it has also gone through the most rigorous testing and quality assurance procedures in the industry.

With an emphasis on products that revolutionize the way people interact with the new technologies around us, we continually introduce integrated solutions that enable users to take full advantage of their multimedia experience. Our ever-expanding product line covers the entire multimedia spectrum. Look to us to as the leader of providing media products ranging from sound and graphics cards, to DVD and CD-ROM drives, and even to digital imaging and mp3 audio products.

We hope you enjoy using your new product, and look forward to earning your business in the coming years.

Copyright Statement

It is a criminal offense, under applicable copyright laws, to make unauthorized copies of copyright-protected material, including computer programs, films, broadcasts and sound recordings. This equipment should not be used for such purposes.

Notice:	I/OMAGIC Corporation makes no warranty of any kind with regards to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular product. I/OMAGIC Corporation shall not be liable for errors contained herein or for incidental consequential damages in connection with the furnishing, performance, or use of this material. Every effort has been made to ensure that the information in this manual is accurate. I/OMAGIC Corporation is not responsible for printing or clerical errors. Mention of third party products is for information purposes only and constitutes neither an endorsement nor a recommendation. I/OMAGIC Corporation assume no responsibility with regards to the performance of these products. This document contains proprietary information, which is protected by copyright (see below). The information contained in this document is subject to change without notice.
Trademarks:	Microsoft is a registered trademark of Microsoft Corporation. Windows, Windows XP/2000/Me/98/95/NT and their logos are trademarks of Microsoft Corporation. IBM is a registered trademark of International Business Machines Corporation. All other trademarks and product names used within this manual are the property of their respective companies and are hereby acknowledged.
Copyright:	© 2003 I/OMAGIC Corp. all rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form, by any means, without prior written consent of I/OMAGIC.
Warranty:	I/OMAGIC Corporation warrant that the products it sells will be free from defects in materials and workmanship. Consult the warranty card for complete warranty information.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

FCC Warning Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can emit radio frequency energy and, if not installed or used in accordance with the instructions, may cause interference to radio communications. However, television reception interference can be determined by turning the equipment off and on. The user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

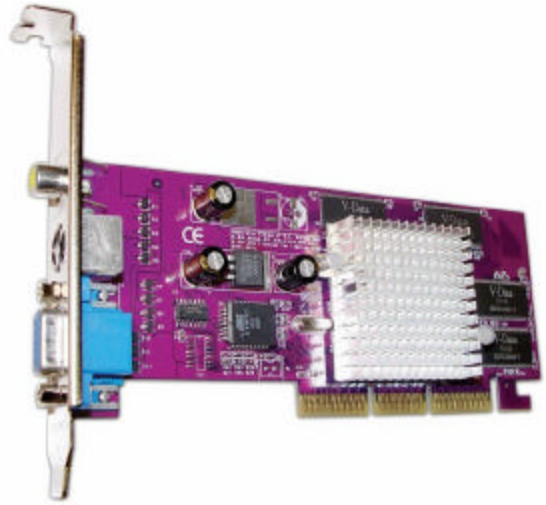
For Europe

CE "The drive is in conformity with the EMC directive and low-voltage directive."

Table Of Contents

Introduction **5**
Features **6**
Contents of your package **6**
System Requirements **6**
Specification **7**
Hardware Installation **8**
Driver installation **13**
WINDOWS XP 13
WINDOWS 2000 15
WINDOWS ME 18
WINDOWS 95/98 20
WINDOWS NT 23
Control Settings **24**
3D ANTIALIASING 25
DIRECT3D SETTINGS 26
OPENGL SETTINGS 27
OVERLAY SETTINGS 28
OTHER OPTIONS 29
NVIEW 30
Troubleshooting **31**
Limited Warranty **36**
Contacting I/OMagic **37**
Register Your I/OMagic Product **37**

Introduction



Congratulations! In choosing the I/OMagic GeForce4 MX440SE graphics accelerator, you have chosen to equip your personal computer with a powerful 2D/3D graphics and video accelerator. The Geforce4 MX440SE graphics accelerator is an AGP Bus compatible video graphics controller Designed for today's highly graphical user environments and video-rich multimedia applications.

The GeForce4 MX440SE graphics accelerator delivers the right combination of performance and power. The NVIDIA GeForce4 MX series of GPUs combines cutting-edge technological features for superior graphics performance and quality.

With the integrated 2D/3D processor, 64MB of memory for lightning fast updates, you'll never be left behind. The MX440 SE graphics accelerator delivers the most affordable and realistic entertainment environment available.

I/OMagic's GeForce4 MX440SE graphics accelerator delivers smooth-motion, full-screen video and excellent image quality. It accelerates TV-quality video playback at up to 30 frames per second. Its compatibility with MPEG-1, MPEG-2, and AVI standards gives you access to a large selection of movies, interactive CDs, Web videos, and the latest educational software.

Experience a new level of productivity for Windows applications. Optimum 64-bit graphics acceleration delivers amazing hardware-accelerated display rates. Our goal is total immersion in a virtual world experience, and I/OMagic's GeForce4 MX440SE graphics accelerator delivers!

Features

- 256-bit Graphics Engine
- Fully support AGP 4x
- 350MHz RAMDAC
- Motion compensation for full speed DVD playback
- 1.1 Billion texels per second
- 31M triangles/sec setup
- Integrated 2nd-generation Transform & Lighting engines
- Cube Environment Mapping support
- DirectX and S3TC texture compression
- 32-bit color with 32-bit Z/Stencil buffer
- Two rendering pipelines capable of delivering four texels per clock
- Video acceleration for DirectShow and MPEG-1, MPEG-2
- Fully PC00, PC99 and PC99a compliant
- Drivers Support: DirectX, OpenGL ICD

Contents of your package

- 64MB GeForce4 MX440SE AGP Graphics Accelerator
- User's Guide (this manual)
- Driver Installation CD
- Warranty Card

System Requirements

- Windows 95 OSR2, 98 or higher, NT4 with SP5 or higher
- Pentium II and higher or compatible
- 64MB system memory
- 1 available AGP 2.0 bus slot.
- CD-ROM drive for software installation.
- 500MB hard drive space

Specification

I/OMagic GeForce4 MX440SE 64Mb	
Clock Speed	250MHz
Rendering Pipelines	2
Texels/Second	1.1 Billion
Memory	64MB SDR SDRAM
Memory Clock	166 MHz SDR
Memory Bandwidth	5.3 GB/s

Lightspeed Memory Architecture™ (LMA) II technology

- 128-bit SDR
- Z-occlusion culling
- Fast Z-clear
- MX memory crossbar architecture
- Auto precharge

Accuview

- Accuview technology delivers highest performance and no-penalty Quincunx AA quality
- Dedicated multisample Accuview hardware ensures rock-solid compatibility
- New sub pixel sample locations provide improved AA quality
- High quality 4XS mode for incredible image quality

Integrated hardware transform and lighting engines

- 256-bit graphics engine
- 4 texture-mapped, filtered, lit texels per clock cycle
- 32-bit color, Z/stencil buffering
- Advanced per-pixel lighting, texturing, and shading
- Cube environment mapping
- DirectX and S3 texture compression

NVIDIA Shading Rasterizer (NSR) High performance 256-bit 2D rendering engine

- Optimized for 32-, 24-, 16-, 15-, and 8bpp modes
- True color hardware cursor with alpha
- Multibuffering (double, triple, quad) for smooth animation and video playbacK.

Hardware Installation

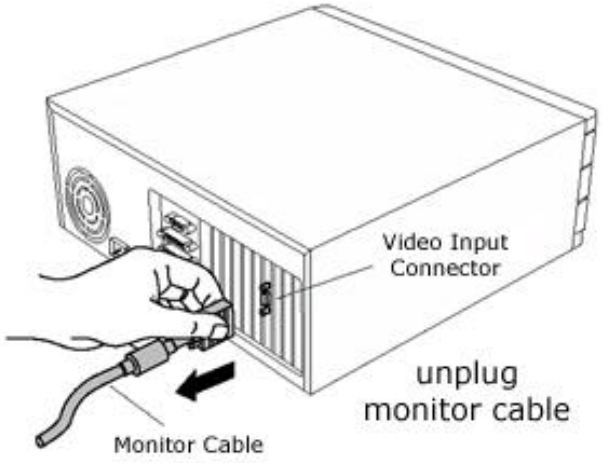
To install your I/OMagic GeForce4 MX440SE graphics accelerator in your computer, follow these steps:

1	Turn off your computer, monitor, and other peripherals

You may also need to disconnect your power cord and other devices from the rear panel of your computer.

⚠	Electronic components are sensitive to static electricity. To prevent damage, discharge any static electricity from your body by touching any known grounded metal surface, such as your computer's chassis, before and during installation of hardware.

2	Unplug your monitor (if connected to a video card).



Locate the cable that runs from the back of your monitor to the back of the computer. Disconnect this cable from the computer.

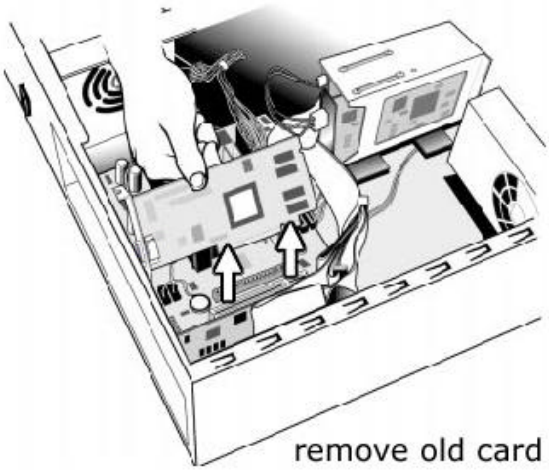
You may have to unscrew the fasteners securing the cable to the computer.

3	Remove the computer cover

Locate and remove any screws that hold the cover in place. Gently remove the cover, leaving the base of the unit in place. You may need to wiggle the cover back and forth to loosen it. Do not use excessive force.

⚠	***Your computer cover may be different than the computer cover shown above. The screws may not be located at the back of your computer. Some covers have screws on the side of the computer. Tower cases also have different location for the screws. Refer to your computer's manual if you need specific instructions on how to remove the cover.***

4	Remove existing video card or disable built-in video display adapter (If applicable)



If there is a video card installed in your system, you must remove it before installing the I/OMagic GeForce4 MX440SE graphics accelerator.

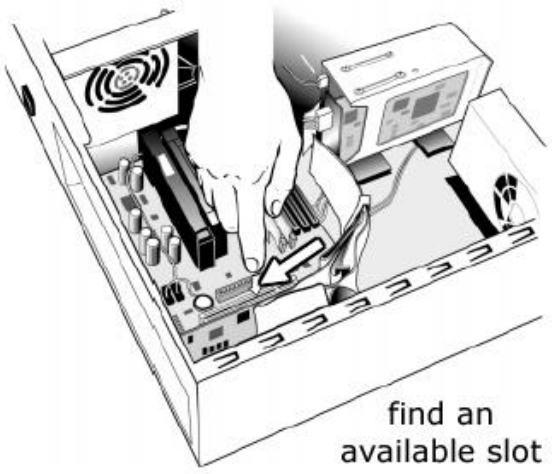
Locate the connector where your monitor was plugged in and follow it to the inside of your computer. If the connector is attached to a small board, your computer has a video card installed and you must remove it. (See illustration above.)

However if the connector is attached to the motherboard of your system, your computer has a built-in video adapter display and you must disable it before installing your I/OMagic GeForce4 MX440SE graphics accelerator. Refer to your computer documentation and/or computer manufacturer for information on disabling the built-in video display adapter.

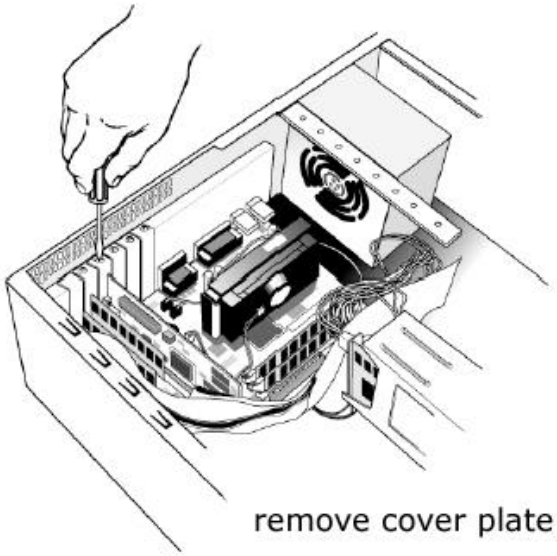
To remove the existing video card, undo the screw that holds the video card in place. Then grab the card by the edges and pull it straight out of the slot. You may need to use a gentle back-and-forth motion when pulling the card out of the slot.

If your existing video card is installed in a AGP expansion slot, you can install your I/OMagic GeForce4 MX440SE graphics accelerator into the same expansion slot. If this is the case for your particular installation, please skip to step 7.

5	Locate an available AGP expansion slot. An AGP slot is dark brown in color.

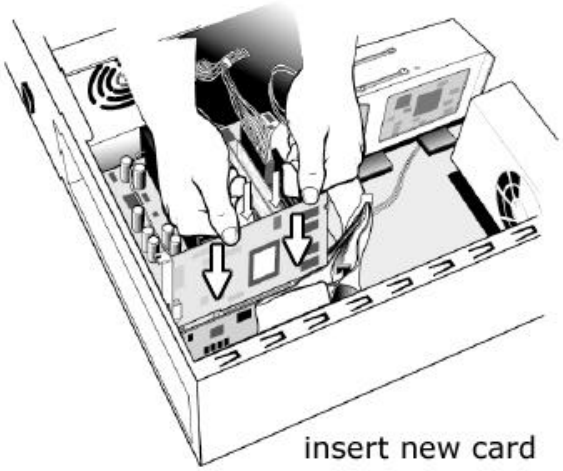


6	Remove the cover plate from the AGP access slot (if not already removed).



Each expansion slot has an access slot in the chassis covered by a removable plate. Undo the screw that holds the plate and remove the plate.

7	Install the I/OMagic GeForce4 MX440SE graphics accelerator into the card slot



Place the card over the expansion slot with the mounting bracket facing the access slot (the same slot you removed the cover plate from). Carefully align the connector with the slot and push the card into the slot until it snaps into place. You may need to use a gentle back-and-forth rocking motion when inserting the card into the slot. Once you install the card, secure it by replacing the screw you removed with the expansion slot cover plate.

STOP	**Double-check all connections, make sure everything is plugged in correctly and firmly seated before you replace the cover.**

8 Re-place your computer's cover

Reverse the procedure followed when you removed the computer's cover. Route all cables inside your computer so that they are not in the way of the cover.

!	Remember that your computer cover may be different from the one above. If you need help replacing the computer cover, refer to your computer's manual.

9 Turn on your computer, monitor, and other peripherals

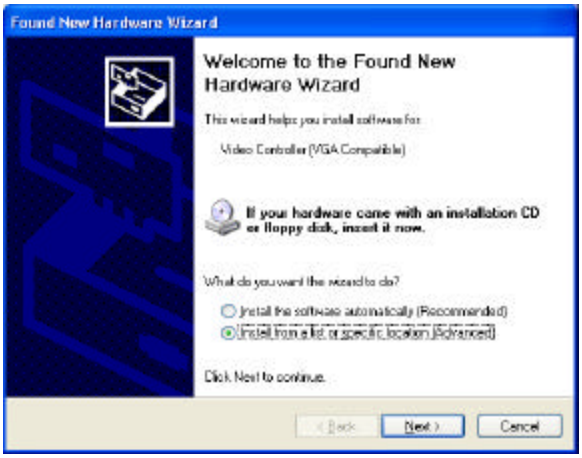
STOP	**Your computer should start up as it normally does. If it doesn't, power down your system first and check to make sure that all your expansion boards are firmly seated and that all cables, both inside and on the back of the computer, are properly connected. If you are still having problems, refer to the troubleshooting section before calling for help.**

Driver installation

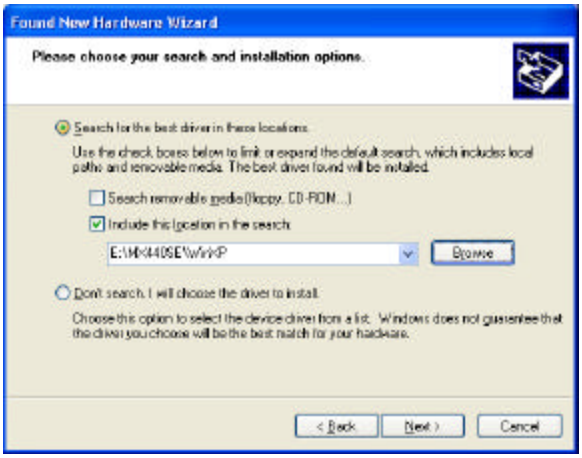
Windows XP

1	Power on your system and insert your I/OMagic GeForce4 MX440-SE graphics accelerator driver CD into your CD-ROM drive.

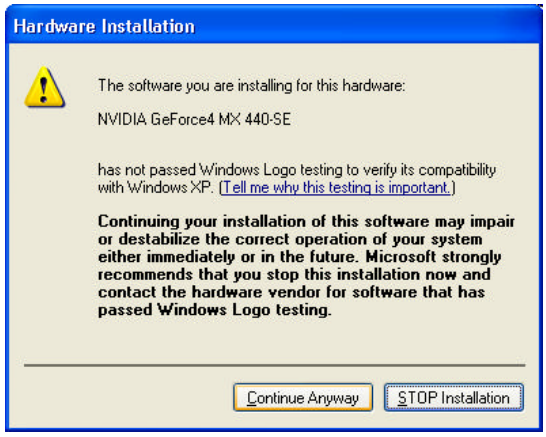
2	Windows should detect the new hardware. Select "**Install from a list or specified location**", and click "**Next**" to continue.



3	Select "**Search for the best driver...** ".and select "**Include this location in the search**". Click "**Browse**" and browse to "**X:\MX440SE\WinXP**" where **X:** is your CD-ROM drive letter.



4	If the "**Windows Logo Testing**" window appears, click on "**Continue Anyway**" to continue with the driver installation.



If you get the "Windows Logo Testing" error message during the driver installation process, click on the **"Continue Anyway"** button to complete the installation. Continuing will **NOT** impair or destabilize your system. Microsoft displays this dialog box because the driver you are installing has not gone through the Windows XP logo testing program.

Microsoft has a program that certifies products that are installed over their Operating Systems. Software drivers for products that pass the program will be recognized by the intended Operating System as compatible.

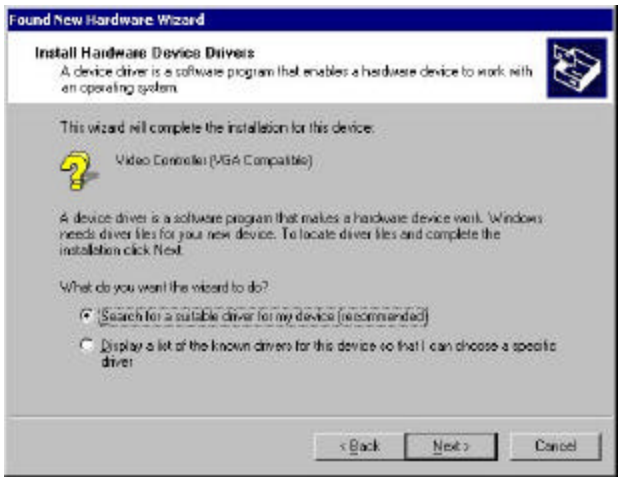
Although your product did not participate in the Microsoft Logo Testing Program, it has undergone extensive testing by our engineering team to ensure compatibility with Windows XP. Therefore, you can **safely** install and use the software without fear of compatibility issues.

5	Once the drivers have been installed, click on "**Finish**" to complete the installation. Restart the computer if you are asked to do so.

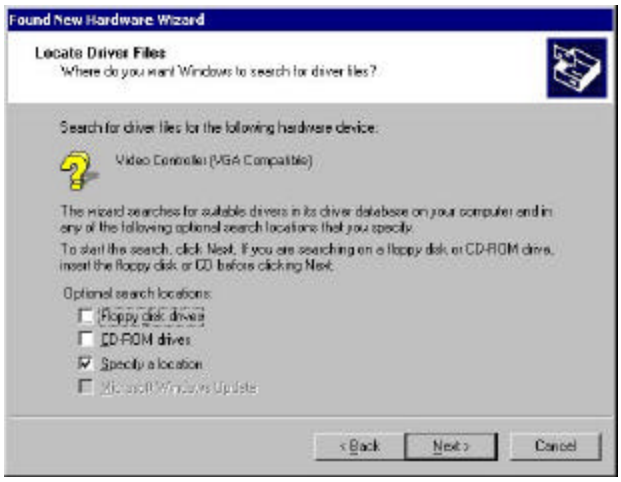
Windows 2000

1	Power on your system and insert your I/OMagic GeForce4 MX440-SE graphics accelerator driver CD into your CD-ROM drive.

2	Windows should detect the new hardware. Select "**Search for a suitable driver for my device**", and click "**Next**" to continue.

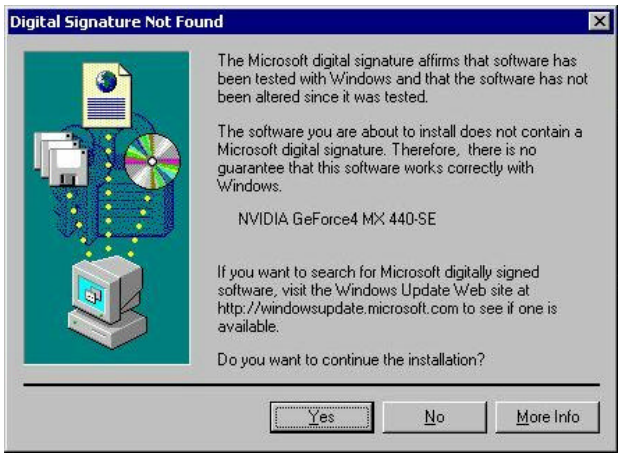


3	Select "**Specify a location**" and click "**Next**".



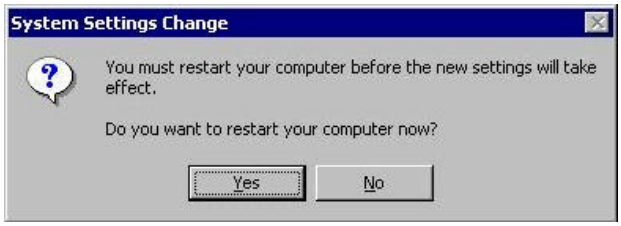
4	Click "**Browse**" and browse to "**X:\MX440SE\Win2K**" where **X:** is your CD-ROM drive letter. Click "**OK**" to continue.

5	If the "**Digital Signature Not Found**" window appears, click on "**Yes**" to continue with the driver installation.



6	Once the drivers have been installed, click on "**Finish**" to complete the installation. Restart the computer if you are asked to do so.

7	Restart your computer after driver installation is complete.

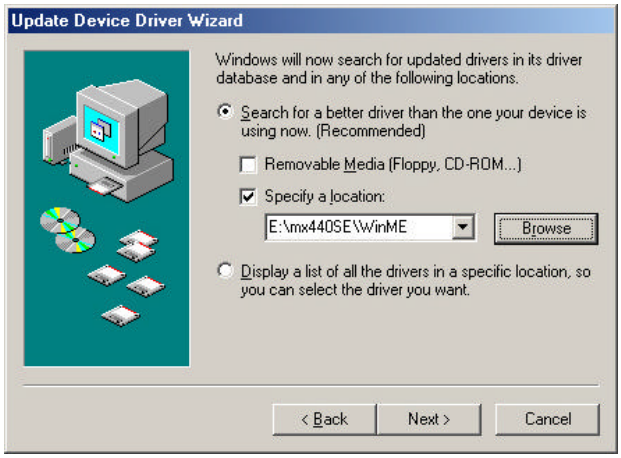


Windows Me

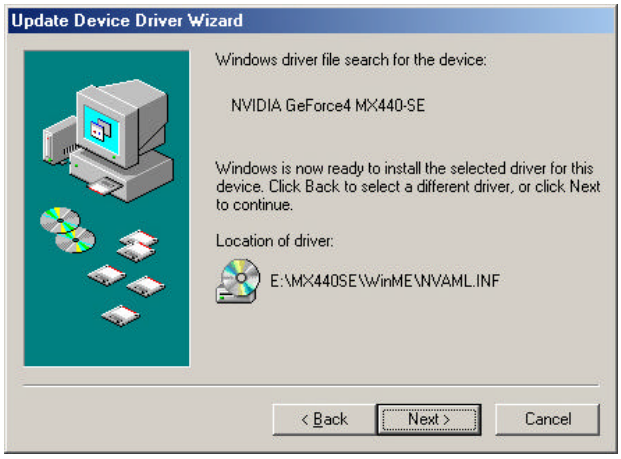
1	Power on your system and insert your I/OMagic GeForce4 MX440-SE graphics accelerator driver CD into your CD-ROM drive.

2	Windows should detect the new hardware. Select "**Specify the location of the driver**", and click "**Next**" to continue.

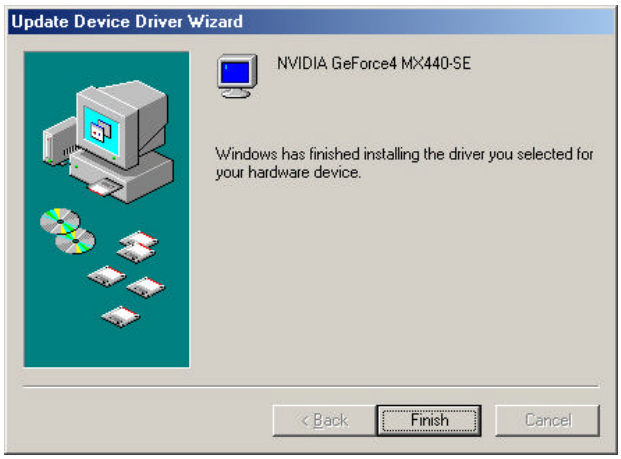
3	Select "**Search for a better driver**.." and browse to "**X:\MX440SE\WinME**" where **X:** is your CD-ROM drive letter.



4	After the "**Add New Hardware Wizard**" finds a "**NVIDIA GeForce4 MX440-SE**", Click on the "**Next**" button to continue.



5	When the "**Add New Hardware Wizard**" has finished installing the drivers, click on the "**Finish**" button and restart your computer



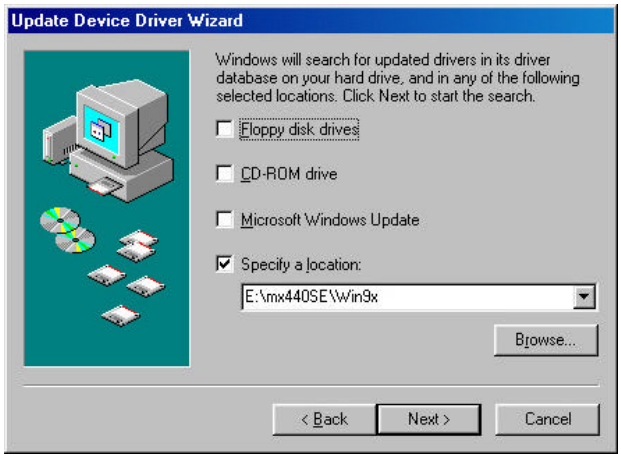
Windows 95/98

1	Power on your system and insert your I/OMagic GeForce4 MX440-SE graphics accelerator driver CD into your CD-ROM drive.

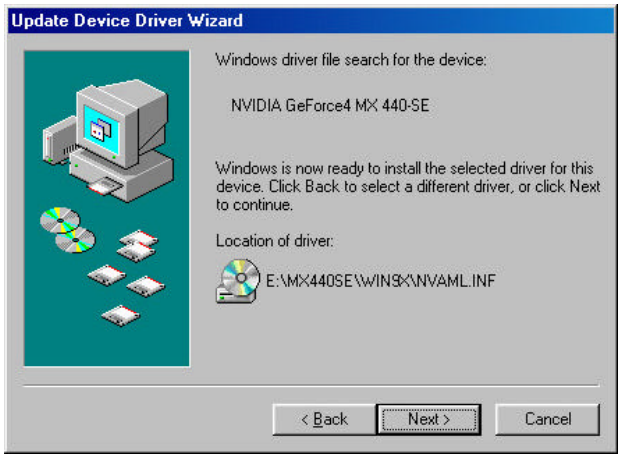
2	Windows should detect the new hardware. Select "**Search for a suitable driver for my device**", and click "**Next**" to continue.

3	Select, "**Search for the best drivers for your device**" and click on the "**Next**" button.

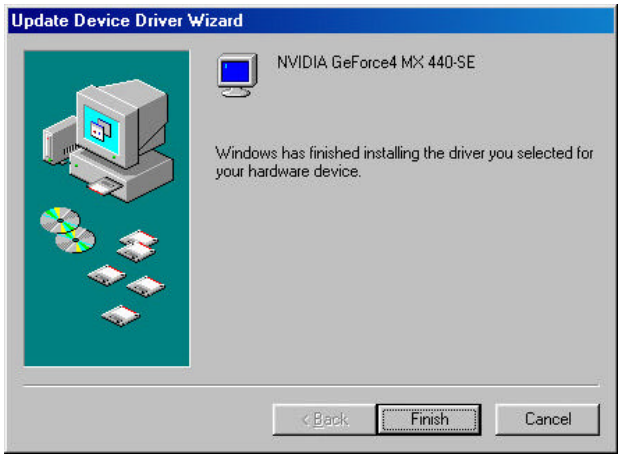
4	Select "**Specify a location**" and browse to "**X:\MX440SE\Win9x**" where X:\ is your CD-ROM drive letter. Click on the "**Next**" button to continue.



5	After the "**Add New Hardware Wizard**" finds a "**NVIDIA GeForce4 MX440-SE**", Click on the "**Next**" button to continue.



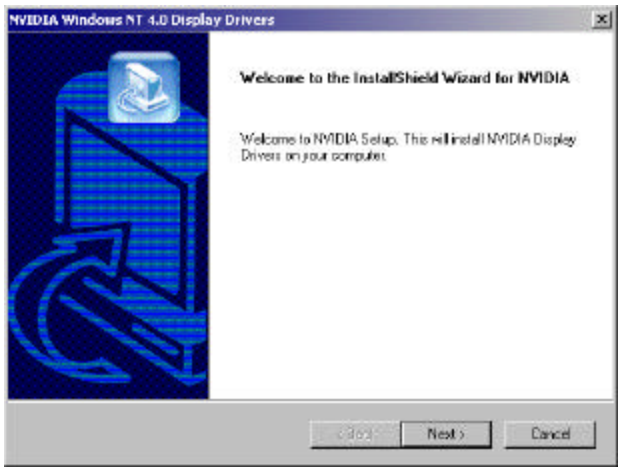
6	When the "**Add New Hardware Wizard**" has finished installing the drivers, click on the "**Finish**" button and restart your computer



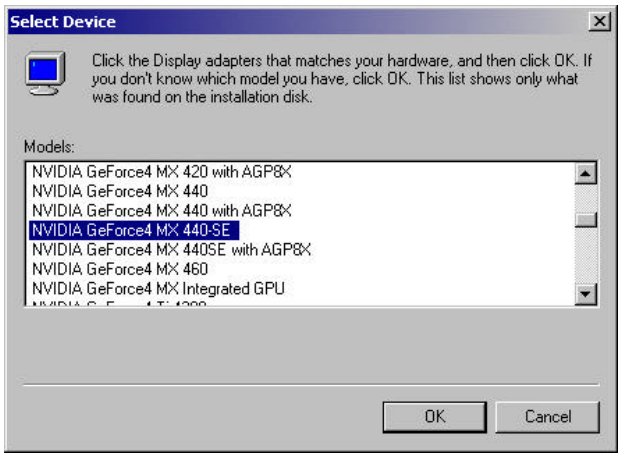
Windows NT

1	Power on your system and insert your I/OMagic GeForce4 MX440-SE graphics accelerator driver CD into your CD-ROM drive.

2	Browse to "**X:\MX440SE\WinNT**" where **X:** is your CD-ROM drive letter and run "**Setup.exe**"



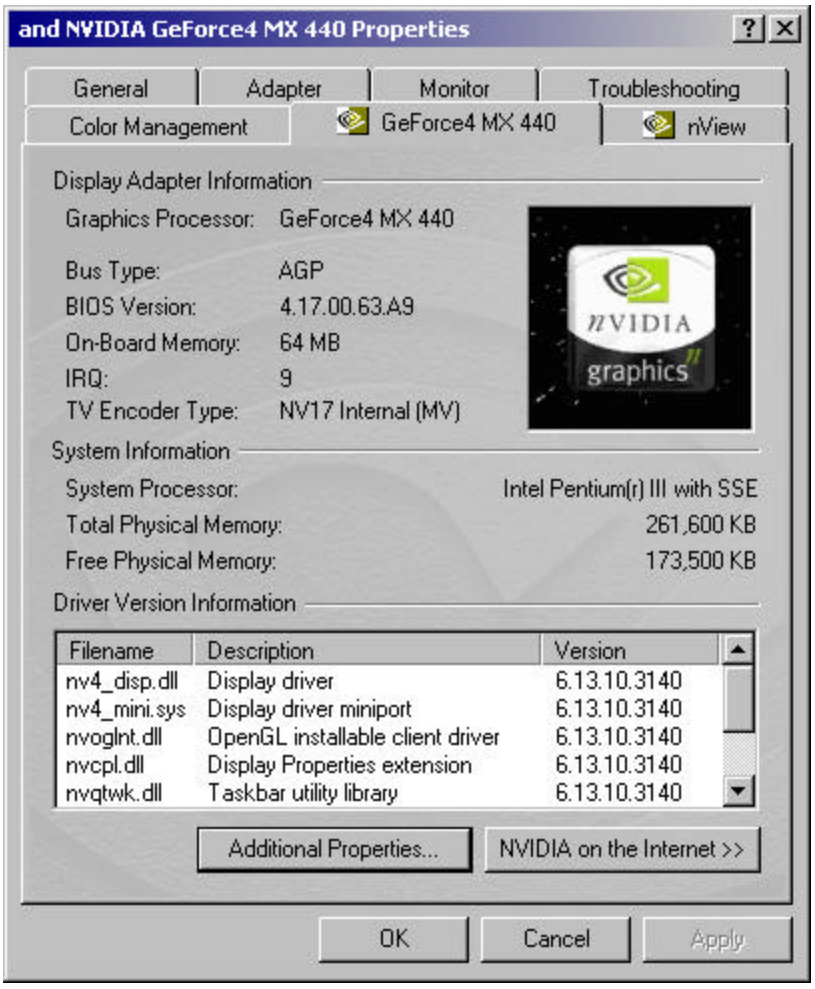
3	Select **NVIDIA GeForce4 MX 440SE** from the list and Click "**OK**".



4	Follow the rest of the onscreen instructions to complete the installation. Restart your computer after installation is complete.

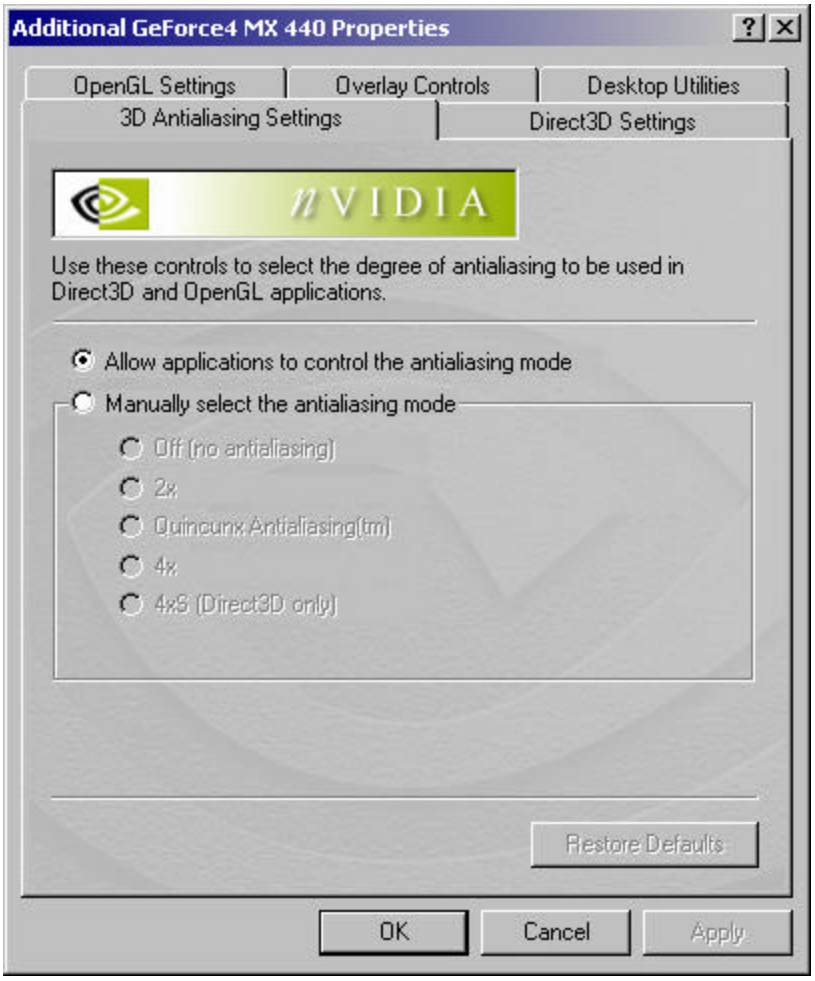
Control Settings

Your new I/OMagic GeForce4 MX440SE has special settings to take full advantage of your 3D capabilities. To access these additional settings, open up your **Control Panel**, select **Display**, and select the **Settings** tab. Click on **Advanced** and select the **GeForce 4 MX 440** tab.



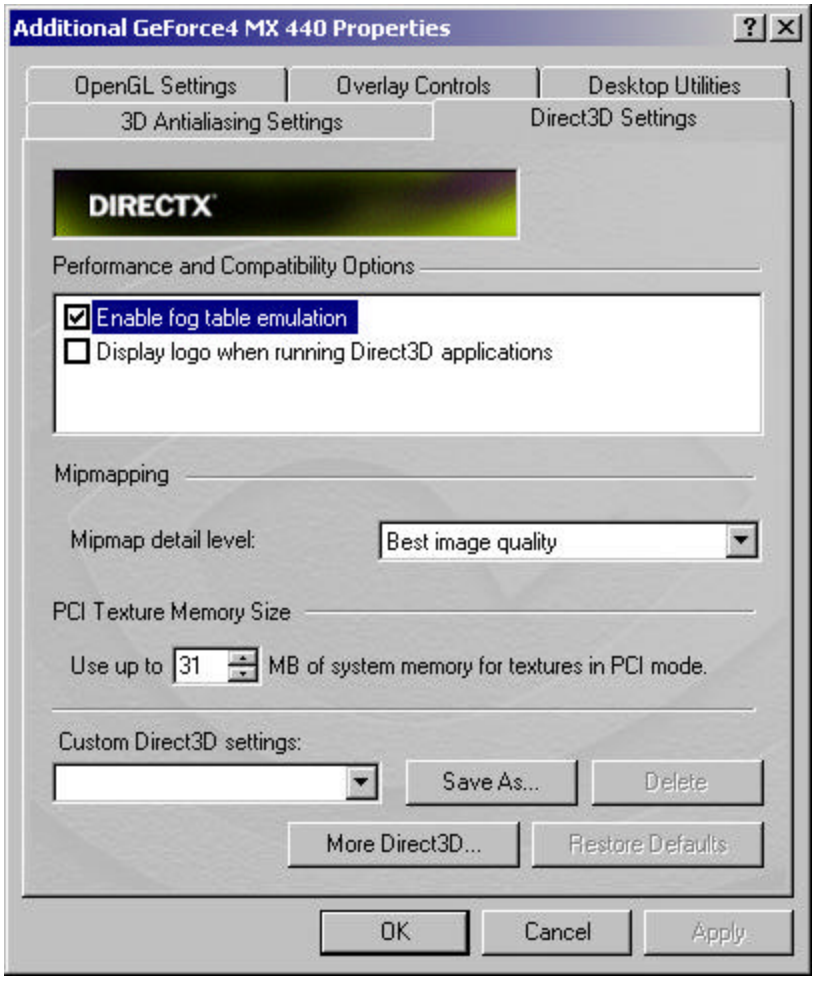
From here you can get a brief summary of your system including processor speed, video memory, driver information and more. Select "**Additional Properties**" to access additional settings.

3D Antialiasing



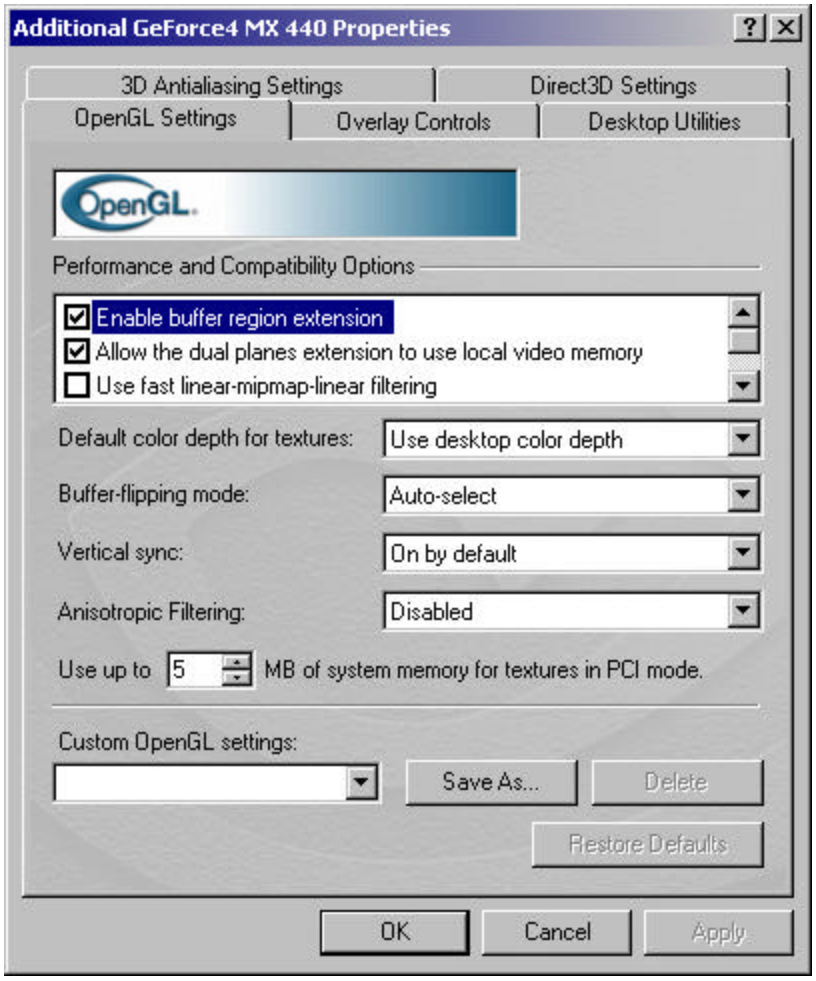
The **3D Antialiasing Settings** tab enables you to change your antialiasing settings. Accuview improves upon NVIDIA's multisampling technology by providing a variety of multisampling modes, including 2x, 4x, Quincunx and a new 4XS mode that delivers improved subpixel coverage and better texture quality. 4XS mode delivers 50% more subpixel coverage than previous modes. This translates into a finer gradation in final pixel color values at the edge of an object, resulting in a smoother antialiased edge.

Direct3D Settings



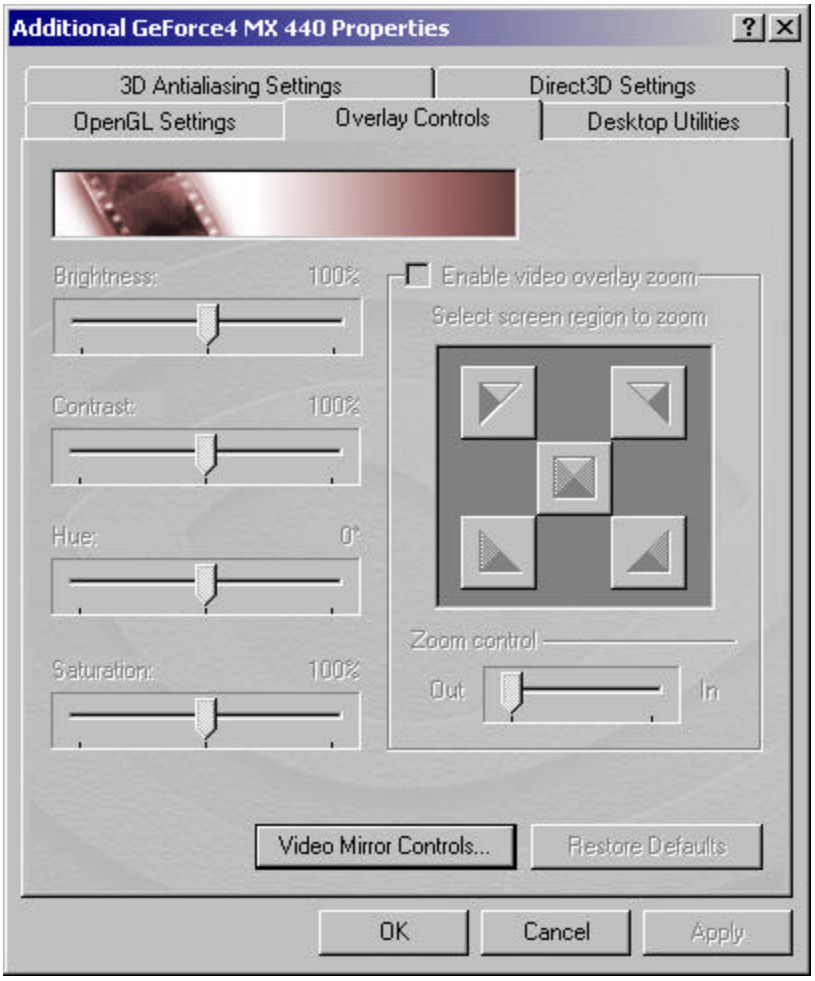
The **Direct3D Settings** tab enables you to change how your display adapter handles Direct3D applications. You can optimize your setting for high speed or high quality and set the amount of available RAM for addition 3D textures. Click on the "**More Direct3D**" button to enable texel settings.

OpenGL Settings



Click on the **OpenGL Settings** tab to change OpenGL settings. This control panel enables you to change features such as color depth, buffer flipping, and anisotropic filtering. Again you can also select the amount of RAM available for OpenGL textures for increased 3D performance.

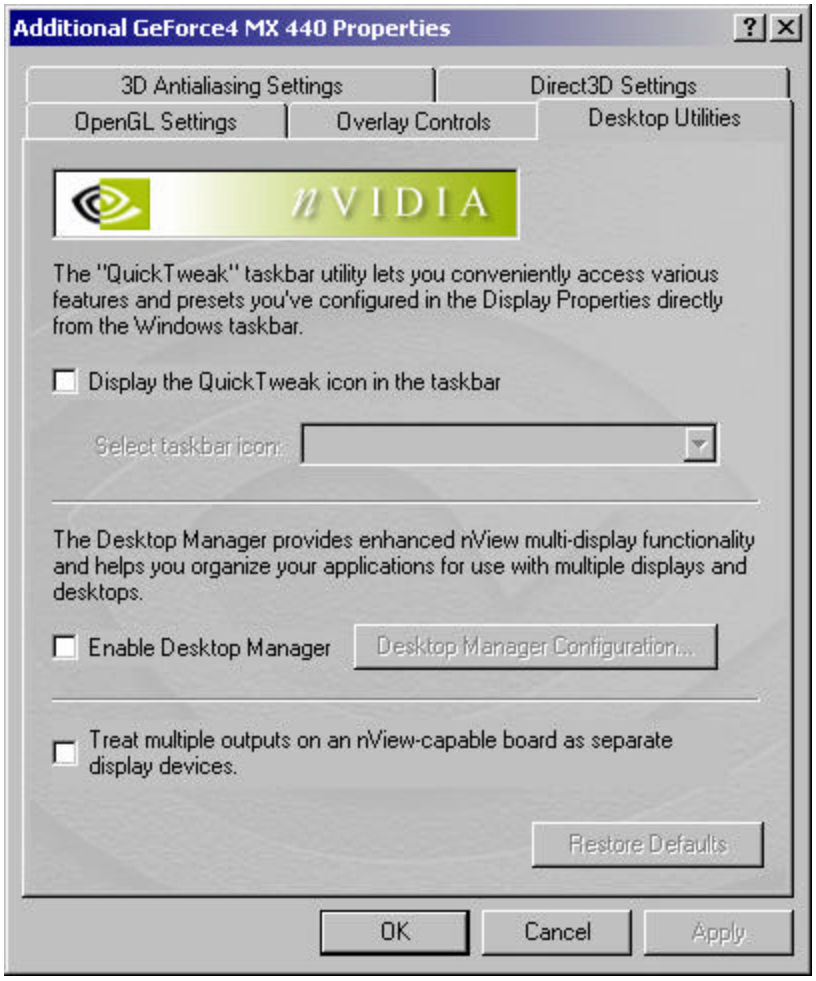
Overlay Settings



Use the **Overlay Settings** to adjust the quality of video or DVD playback on your monitor. You can independently control the brightness, contrast, hue, and saturation to achieve optimal image quality when playing videos or DVD movies on your computer.

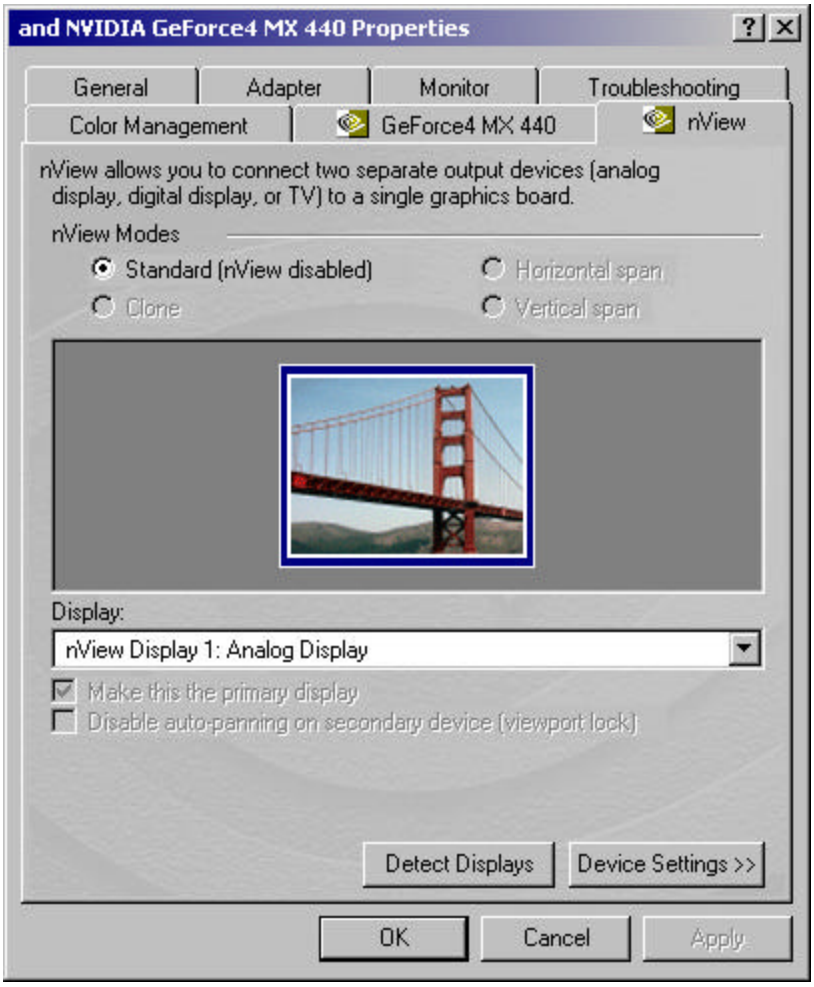
The **Overlay Color Control** tab has no effect on systems without a DVD connection.

Other Options



The **Other Options** contains miscellaneous personal preference settings. You can adjust monitor-timing modes to maximize your monitor settings, and you can also set the icon in the taskbar for quick access to the **QuickTweak** control panel.

nView



nView multi-display technology provides a revolutionary way to multi-task and process information easier. Instead of stacking window upon window within the confines of a single display, imagine spreading your work across multiple displays. nView is seamlessly integrated within the Microsoft® Windows® environment, helping users to maximize productivity though advanced desktop and application management. nView also provides increased efficiency on a single monitor by enabling multiple Windows desktops, quicker access to hidden windows with transparency and window rollups, and hotkeys for access to all nView functions.

Troubleshooting

This section is devoted to help you identify and resolve some of the frequently encounter problems that users come upon. Read the questions and answers carefully and pay attention to any special instructions.

What are the maximum resolution and refresh rates that my I/OMagic GeForce4 MX440SEgraphics accelerator supports?
For most models, all refresh rates between 60Hz and 100Hz are supported, although the actual maximum resolution and refresh rate that you can achieve will depend on your monitor settings. See the chart below for more detail information:

Resolution	8bpp = 256 colors Standard Color	16bpp = 65K colors High Color	32bpp = 16.7M colors True Color
640x480	240	240	240
800x600	240	240	240
1024x768	240	240	240
1152x864	200	200	170
1280x960	170	170	150
1280x1204	170	170	170
1600x900	150	150	120
1600x1200	120	120	100
1920x1080	100	100	85
1920x1200	100	100	85
1920x1440	85	85	75
2048x1536	75	75	60

Does my I/OMagic GeForce4 MX440SE graphics accelerator supports Direct-X, Direct3D, DirectDraw and OpenGL 1.1?
Yes, it does. The driver contains support for hardware optimized DirectDraw and Direct3D functionality. The drivers are fully compatible with Direct-X (You are advised to choose the latest release). The drivers also provide support for OpenGL version 1.1 (this graphics API library is a part of the OEM SR2 Windows 95/98 release).

How do I reinstall or update my I/OMagic GeForce4 MX440SE graphics accelerator drivers?
You can reinstall your drivers by using the Driver Installation CD included with your package, or update your drivers through nVidia's website. We recommend using the latest drivers from http://www.nvidia.com for best performance.

I have installed the I/OMagic GeForce4 MX440SE graphics accelerator, however I cannot change the resolution. What is wrong?
There are several reasons why the resolution cannot be changed.

1. Make sure the I/OMagic GeForce4 MX440SE graphics accelerator is properly installed (if necessary re-install video card).
2. Make sure your monitor is properly set.

The drivers will try to use the optimal refresh rate that the monitor can handle. For this reason it is important to correctly set up the monitor type to match your display. If the monitor is over specified in the Windows "**Control Panel**" settings, it is possible that the drivers will attempt to use a refresh rate that is beyond the capabilities of your monitor. To correct this, please ensure that you have correctly specified your monitor type. The monitor settings can be found in the "**Display**" settings in the "**Control Panel**".

How do I disable the onboard video display adaptor?

1. Boot the PC with the monitor connected to your on-board video display adapter.
2. Go to your "**Control Panel**" (Start button > Settings > Control panel).
3. Once in the Control Panel, double click on "**System**" > "**Device Manager**" **>** and click on the plus sign (+) next to **"Display Adapter**".
4. Double click on the On-Board video display adapter that you wish to disable. On the "**General**" tab place a check mark next to the box that says, "**Disable in this Hardware Profiles**" and click on the "**OK**" button. If you do not have that box, then uncheck the box that says "**Exists in all hardware profiles**" or "**Original Current Configuration**" " and click on the "**OK**" button.
5. Shut down the computer and place your I/OMagic GeForce4 MX440SE graphics accelerator in an available AGP slot.
6. Boot into Windows and install the appropriate drivers.

After installing my I/OMagic GeForce4 MX440SE graphics accelerator, the PC won't boot up. What is the problem?

There are several factors that can cause the PC not to boot up.

1. Make sure the display adapter is properly seated on an AGP slot and your monitor is connected to the display adapter.
2. Check your BIOS setup for video settings. Look for any VGA or Video settings like VGA pallet snoop, VGA Shadow, Video Cache or any other similar setting and disable it. Also make sure that Plug n Play is enabled and the AGP slots are set to Auto.

Windows says that my monitor is not installed. How do I install it?

1. Click on the **Start button** > **Settings** > **Control panel** and double click on the **Add new hardware** icon.
2. Click on the next button to allow Windows to start the search. When asked if you want Windows to look for the new hardware, say no and click on the "**Next**" button.
3. Select "Monitors" from the hardware types and click on the "**Next**" button.
4. Carefully select the monitor type from the list that matches your monitor and click on the "**Next**" button.
5. Click on the "Finish" button and restart the computer.

How do I know if I have the I/OMagic GeForce4 MX440SE AGP card installed properly in my computer?

You can check the Device Manager (Control Panel > System > Device Manager > Display Adapter) to see if the video card is listed. If the I/OMagic GeForce4 MX440SE card is installed correctly, "**NVIDIA GeForce2 MX**" should be listed under the Display Adapter category without any conflicts (yellow exclamation mark). If there is a yellow exclamation mark next to "**Standard Graphics Adaptor**", remove it, restart the computer and go through the driver installation steps again.

I installed the video card and the system locks up in 2D & 3D applications frequently. What is up?

It's possible that you have a hardware conflict with another device that Windows is not detecting. My card should be on IRQ 11 and should not share with other devices except "IRQ holder for PCI steering" This is a common problem when ACPI is enabled. ACPI loves to assign a lot of devices on IRQ 9 and/or 11, which is very problematic with your configuration. VisionTek

recommends a power supply that is 250W minimum (300W preferred). Some older 440LX, 440BX, and super socket 7 motherboards use an older AGP socket which may not be providing enough power to sustain the card in 3D applications.

Games stutter with my I/OMagic GeForce4 MX440SE. How can I fix it?"

- Make sure you have the latest drivers installed.
- Make sure that you have closed all programs before you start the game press Ctrl-Alt-Delete and select all the programs one by one except 'Explorer' and 'Systray' and click 'End Task'. Even if a program says that it is 'Not Responding' after 20 seconds, you should still be able to close it. If the problem persists, switch off your screensaver and desktop background before starting the game.
- Make sure that Video BIOS shadowing is disabled in your BIOS.
- If you have a network card installed, try setting the connection type in the Network Control Panel from the automatic sensing option to the type of network that you use (10BaseT / 100BaseT, full / half duplex).
- Make sure that your GeForce card is not sharing any IRQs with another card the only device that can have the same IRQ is the 'IRQ Holder for PCI Steering'. If you find that the GeForce is sharing an IRQ, try moving the card that it is sharing the IRQ with to another slot.
- You may find that switching your desktop colour depth to 256 colours helps with stuttering problems.
- You can try disabling auto-mipmapping in the NVIDIA control panel. This has helped some people with stuttering problems: however, it may result in reduced image quality and overall speed.

All 3D applications are slow on my I/OMagic GeForce4 MX440SE. How can I fix it?

- If you are using a non-Intel chipset based motherboard, make sure you download and install the very latest AGP drivers from your chipset manufacturer's website.
- If you have a low end CPU, then you may have to upgrade your CPU to make the most out of the GeForce. Only higher end CPUs can take full advantage of the power of the GeForce, despite the T&L engine. In particular, any AMD Super Socket 7 chips in general give poor performance, due to the poor AGP implementations on most Super Socket 7 motherboards.

My 2D image quality is poor (fuzzy, ghosting, smeared bold text). How can I fix it?

- Make sure that your internal and external power cables are not too close to your I/OMagic GeForce4 MX440SE and your monitor signal cable.
- It is possible that this problem only turns up after recovering from your monitor's power saving mode. Try rebooting.
- Try changing the 'Monitor timing' in 'other options' in the NVIDIA control panel to first GTF and then DMT.
- Try changing the refresh rate. You may want to try just altering it by 1hz or so by setting up a custom refresh rate to see if the problem goes away.
- Make sure that there are no electrical devices near your PC and monitor that may be causing interference.

Limited Warranty

Hardware Limited Warranty

The product enclosed herein is warranted to be free of defects and manufacturing workmanship for a period of one year from the date of purchase. In the event of a defect in material or workmanship during the warranty period, at our discretion, we will refurbish, repair or replace the defective product when the defective product is returned by the owner. The limited warranty will be considered void if unit is tampered with, improperly serviced, security seal removed or subject to misuse, negligence or accidental damage. This Warranty is limited to servicing or replacement only and shall not cover any other damages. Any product returned to I/OMagic with no fault found, will be returned to purchaser at purchaser's expense. With respect to the use of this product, in no event shall the Company be liable for any loss of profit or any other commercial damage, including but not limited to special, incidental, consequential and other damages.

This Limited Warranty does not apply to damage that occurs during unpacking, setup, or installation; removal of the Product for repair; or reinstallation of the product after repair.

OBLIGATION OF PURCHASER: The original purchase receipt from an authorized dealer, (a list of authorized dealers can be found on our website (www.iomagic.com), must be retained as proof of purchase before warranty service will be rendered. In order to obtain warranty service, the product must be delivered with a Return Merchandise Authorization (RMA) number.

(Any packages without this RMA Number will be refused), detailed description of the problem and copy of the receipt; freight pre-paid to RMA Center, in proper packaging, (to avoid shipping damage). I/OMagic cannot be held responsible for late, lost or misdirected packages.

I/OMagic Corporation is a wholesaler of computer goods and as such, under no circumstances do we offer any refund(s) for products purchased. Any return for refunds(s) should be discussed with your authorized dealer prior to the purchase of goods.

The refurbished, repaired or replaced product will be returned to owner, freight pre-paid via UPS Ground only, within 30 days from the time of arrival. Any other method of shipping (FedEX, Certified Mail, etc.) will be at the Purchaser's expense. You may obtain a Return Merchandise Authorization Number by filling out the RMA Request Form on our website: www.iomagic.com or submitting it either by mail to:

I/OMagic Corporation,
Technical Support Department,
1300 East Wakeham Ave,
Santa Ana 92705,

email: rma@iomagic.com
fax: (714) 953-1152

ANY SHIPPING, CUSTOMS, TARIFFS COST, ETC. TO OR FROM OUR CUSTOMERS OUTSIDE THE CONTINENTAL U.SA. IS SOLELY THEIR RESPONSIBILITY.

Contacting I/OMagic

If you experience problems with this I/OMagic product and you cannot find an answer in the previous troubleshooting sections, you can contact I/OMagic's Technical Support Staff. Please have the following information ready when you call:

- The name of the product you are having problems with.
- The operating system and processor (CPU) you are using.
- A detailed description of the problem.

You can contact I/OMagic's Technical Support staff at the following numbers:

- Phone: **(714) 953-0675** (M-F 8:00AM – 5:00PM PST)
- Internet: **http://www.iomagic.com** (Go to the technical support section and fill out support form.)

Register Your I/OMagic Product

Please take the time to send in your registration card. The series of numbers under the bar code is the serial number.

- Go to **http://www.registeryourproduct.com** and click on the "**register**" button.

This is actually the fastest way to receive the latest I/OMagic product information and updates. Again, we would like to thank you for buying I/OMagic products.